Applied Acoustics **25** (1988) 303–304

CONTENTS OF VOLUME 25

Number 1

Harmonic and Intermodulation Distortion in Condenser Microphones . . . 1
MUHAMMAD TAHER ABUELMA' ATTI (Bahrain)

Sound Isolation of a Commercial Free-Field Chamber 11
S. P. DOWSON (UK)

A Method to Estimate Meteorological Effects on Sound Propagation near the Ground 17
CONNY LARSSON, BENGT HALLBERG & SVEN ISRAELSSON (Sweden)

A Calculation of L_x and L_{eq} Noise Evaluation Indices by Use of Statistical Information on the Noise Level Fluctuation, and its Microcomputer-Aided On-Line Measurement 33
Y. MITANI & M. OHTA (Japan)

Noise from Ultrasonic Welding Machines: Risks and Prevention 49
A. DAMONGEOT & G. ANDRÉ (France)

Book Reviews 67

Announcements 70

Calendar 72

Number 2

Special Issue on Noise Control in China

Guest Editorial 75

Static and Dynamic Analysis of a Viscoelastic Plate by the Finite Element Method 77
Y. Z. WANG & T. J. TSAI (Taiwan)

Acoustical Standards and Guest Room Isolation in Hotels 95
LIU XIAOTU (People's Republic of China)

Aircraft Noise around Beijing Airport 103
CAI XIULAN, ZHENG DARUI & ZHANG YUHAI (People's Republic of China)

A Study of Optimization for Rectangular Ducts 113
Z. C. ZHU, Y. X. LI, J. L. WU & Y. ZHANG (People's Republic of China)

Ringing Noise Control for Jolt–Squeeze Moulding Machine 123
GAO TIANZHEN (People's Republic of China)

Applied Acoustics (**25**) (1988)—© 1988 Elsevier Science Publishers Ltd, England. Printed in Great Britain

Noise-Induced Neural Facilitation in the Brain Cortices 131
SHAO DIANHUA, LIN HUAYING & LIANG ZHI'AN
(People's Republic of China)

Calendar 139

Number 3

Empirical Relations between Acoustical Properties and Flow Resistivity of Porous Plastic Open-Cell Foam 141
WU QUNLI (Australia)

Costs and Effects of Traffic Noise Abatement Measures: Basis for A National Programme 149
G. NIELSEN & S. SOLBERG (Norway)

Voiced–Unvoiced–Silence Classification of Speech Signals Based on Statistical Approaches 169
B. A. R. AL-HASHEMY & S. M. R. TAHA (Iraq)

A Statistical Approach to Noise Generated by Workshop Machines . . . 181
E. K. MANATAKIS (Greece)

Sound Absorbers of a Novel Membrane Construction 197
U. ACKERMANN, H. V. FUCHS & N. RAMBAUSEK (FRG)

Technical Note
Further Optimization of the Kantorovich Method when Applied to Vibrations Problems 217
V. H. CORTINEZ & P. A. A. LAURA (Argentina)

Calendar 223

Number 4

Vibrations of Rings of Variable Cross Section 225
P. A. A. LAURA, C. P. FILIPICH, R. E. ROSSI &
J. A. REYES (Argentina)

Analysis and Assessment of Concert Halls 235
A. GIMÉNEZ & A. MARÍN (Spain)

A Microcomputer-Based Audio Digital Delay System. 243
B. T. G. TAN & T. H. ONG (Singapore)

Sound Transmission Loss of Glass and Windows in Laboratories with Different Room Design 269
A. COPS & D. SOUBRIER (Belgium)

Large Amplitude Vibration of a Beam Based on a Higher-Order Deformation Theory 281
JI-LIANG DOONG & CHUN-SHENG CHEN (Taiwan)

Technical Note
Earlier Healing of Bone Fracture with Compressive Loading: An Acoustic Investigation 295
V. R. SINGH & SANJAY YADAV (India)

Calendar 301